

L Number	Hits	Search Text	DB	Time stamp
-	17060	tube adj forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:47
-	555	tube-forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:36
-	16508	tube adj forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:47
-	17060	tube adj forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:47
-	1391	(tube-forming or (tube adj forming)) and (notch\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:08
-	330	83/582.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:10
-	275	83/914.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:10
-	153	83/916.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:11
-	638	83/588.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:11
-	311	(83/185.ccls. or 83/582.ccls. or 83/627.ccls. or 83/628.ccls. or 83/914.ccls. or 83/916.ccls. or 83/917.ccls. or 83/588.ccls. or 83/178.ccls. or 83/191.ccls.) and (tube or pipe or hollow)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:28
-	310	(83/185.ccls. or 83/582.ccls. or 83/627.ccls. or 83/628.ccls. or 83/914.ccls. or 83/916.ccls. or 83/917.ccls. or 83/588.ccls. or 83/178.ccls. or 83/191.ccls.) and cam	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:31
-	98	((83/185.ccls. or 83/582.ccls. or 83/627.ccls. or 83/628.ccls. or 83/914.ccls. or 83/916.ccls. or 83/917.ccls. or 83/588.ccls. or 83/178.ccls. or 83/191.ccls.) and (tube or pipe or hollow)) and ((83/185.ccls. or 83/582.ccls. or 83/627.ccls. or 83/628.ccls. or 83/914.ccls. or 83/916.ccls. or 83/917.ccls. or 83/588.ccls. or 83/178.ccls. or 83/191.ccls.) and cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:31
-	0	83/628.ccls. and 83/191.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 18:15
-	6	83/185.ccls. and 83/191.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 18:17
-	4	83/178.ccls. and 83/191.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 18:18

-	85	83/178.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 15:45
-	57	83/185.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 15:45
-	86	83/191.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 15:46
-	758	83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:55
-	0	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:04
-	0	83/191.ccls. and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	0	83/178.ccls. and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	0	83/185.ccls. and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	170	83/627.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	1	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and 83/627.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:10
-	10	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and eccentric	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:10
-	462	83/917.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:04
-	6	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and 83/917.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:08
-	40	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and (pierc\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:08
-	21	("2736949" "3271988" "3802310" "3915044" "4043236" "4087912" "4096727" "4399829" "4534250" "4597180" "4631996" "4763550" "4765173" "4832069" "4936013" "4956916" "5044388" "5233749" "5699708" "5784920" "5829299") .PN.	USPAT	2003/08/13 17:12
-	9	("2323546" "3005369" "3180196" "3455196" "3971275" "4043164" "4194422" "4459886" "4913021") .PN.	USPAT	2003/08/13 17:15

-	25	("1398320" "1502097" "1503551" "1549462" "1581810" "2315340" "2326536" "2329020" "2419534" "2423791" "2630862" "2875829" "3286570" "3374697" "3473425" "3485124" "3557649" "3579767" "3580122" "3756108" "3782231" "3949632" "4269094" "4524661" "4633744").PN.	USPAT	2003/08/13 17:19
-	5	("2347808" "3611853" "3839931" "4003279" "4601223").PN.	USPAT	2003/08/13 17:21
-	8	("3261248" "3289511" "3535964" "4205545" "4584749" "4621553" "4633744" "4802393").PN.	USPAT	2003/08/13 17:22
-	3	750746.URPN.	USPAT	2003/08/13 17:23
-	7	("2109356" "2431230" "2905063" "3426646" "3591139" "3765305" "5018913").PN.	USPAT	2003/08/13 17:24
-	3	("0387408" "2704124" "3153360").PN.	USPAT	2003/08/13 17:25
-	1	2320272.URPN.	USPAT	2003/08/13 17:26
-	5	("0277452" "1491464" "2126519" "2364334" "3073195").PN.	USPAT	2003/08/13 17:27
-	5	("0277452" "1491464" "2126519" "2364334" "3073195").PN.	USPAT	2003/08/13 17:27
-	7	4194422.URPN.	USPAT	2003/08/13 17:27
-	5	3180196.URPN.	USPAT	2003/08/13 17:27
-	140	83/628.ccls. and (dual or double or tow or second)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:56
-	21	83/628.ccls. and (dual or double).	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 18:12
-	359	(83/\$.ccls. or 72/\$.ccls.) and ((eccentric or cam) with (dual or double))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 18:14
-	88	(83/\$.ccls. or 72/\$.ccls.) and ((double or dual) adj (eccentric or cam))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 12:46
-	7	("0877855" "1216426" "1280199" "3494233" "3657951" "4003279" "4059036").PN.	USPAT	2003/08/13 18:51
-	2	4846014.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/14 17:01
-	958	(83/\$.ccls. or 72/\$.ccls.) and ((opening or compartment) with (eccentric or cam))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 12:56
-	376	((83/\$.ccls. or 72/\$.ccls.) and ((opening or compartment) with (eccentric or cam))) and flat	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 12:49
-	26	(83/\$.ccls. or 72/\$.ccls.) and ((opening or compartment) with (eccentric or cam) with flat)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:07
-	1008	(83/\$.ccls. or 72/\$.ccls.) and (slot with (eccentric or cam))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:07
-	151	(83/\$.ccls. or 72/\$.ccls.) and (slot with (eccentric or cam) with surface) not follower	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:16

-	4	(83/\$.ccls. or 72/\$.ccls.) and ((ramp adj cam) with (opening or slot))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:19
-	25	(83/\$.ccls. or 72/\$.ccls.) and (ramp adj cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:19